

Appl. No. 09/778,004
Arndt, Dated July 21, 2005
Reply to Office action of May 23, 2005
Attorney Docket No. P13236-US2
EUS/J/P/05-3162

REMARKS/ARGUMENTS

Claim Amendments

The Applicant has canceled claims 1-27. Claims 28-51 have been added. Applicant respectfully submits no new matter has been added. The subject matter of Claims 28-51 is found in pages 10-18 of the Application. Accordingly, claims 28-51 are pending in the application. Favorable reconsideration of the application is respectfully requested in view of the foregoing amendments and the following remarks.

Claim Rejections – 35 U.S.C. § 102(e)

Claims 1, 3-13, 15, and 17-26 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Li, et al. (US 6,728,365 hereinafter Li). In order to expedite allowance of this application, the Applicant has canceled claims 1, 3-13, 15, and 17-26 without prejudice. Claims 2, 14, 16 and 27 were previously canceled. Therefore, this rejection with respect to these claims is deemed to be moot.

The present invention discloses a service broker that is used to coordinate various entities via an access network to make resource reservations for a service client terminal. The service broker is adapted for making "in advance" reservations as well as immediate admission reservations. Additionally, a terminal other than the service client may make the reservations and the reservations may even be made from a different network. The service broker coordinates information from a geographical domain server (GDS) in the wireless network, a bandwidth broker and at least one radio bearer broker. The "in advance" reservations are made utilizing a heuristic mode in the bandwidth broker which accumulates data to determine the availability of resources according to historical data.

The GDS is used to determine the geographical location of wireless terminals for the reservation system. It is well known that a wireless terminal may be located within a particular cell in a wireless network. However, the GDS of the present invention provides for mapping the locations of the wireless terminals and provides a directory service to the service brokers. (page 18, lines 2-16)

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The Li reference appears to disclose a method and apparatus for extending RSVP signaling to wireless networks. More broadly, Li appears to "...allow a wire line QoS signaling schema to be applied to wireless applications". (summary). The Li reference utilizes the Reservation request protocol RSVP and a RSVP signaling module to map the RSVP QoS to wireless constraints. Effectively, Li focuses on reserving resources by means of Internet protocols, in particular RSVP. Reservations are taking place between a wireless network and an associated/connected wireline network. In contrast to the present invention, the Li reference does not seek the "optimal" or "most suitable" access network depending on the service type, the demand and the location of the terminal requiring the reservations; Li uses the connected networks

Additionally, the Li reference appears to lack the facility to do in-advance service reservations and does not appear to mention the concept of a service broker combining with a geographical domain server. This concept, provided by the present invention, allows for resource reservation over multiple wireless (and overlapping) networks and for determining the most suitable of the access networks that cover the same geographical area.

Prior Art Not Relied Upon

In paragraph 12 on page 4 of the Office Action, the Examiner stated that the prior art made of record and not relied upon is considered pertinent to the Applicant's disclosure.

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CONCLUSION

In view of the foregoing remarks, the Applicant believes all of the claims currently pending in the Application to be in a condition for allowance. The Applicant, therefore, respectfully requests that the Examiner withdraw all rejections and issue a Notice of Allowance for all pending claims.

The Applicant requests a telephonic interview if the Examiner has any questions or requires any additional information that would further or expedite the prosecution of the Application.

Respectfully submitted,



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